#### 1.8 WARRANTY

A. Manufacturer: Submit written 2-year warranty from manufacturer. cosigned by installing subcontractor, agreeing to replace system components which fall in materials or workmanship. Failure includes excessive leakage, excessive deflections, deterioration of finish or metal in excess or normal weathering, and defects in accessories, therstripping, and other component

#### PART 2 - PRODUCTS

### 2.1 MANUFACTURER

A. All components in the entrance assembly shall be fabricated by Oldcastle Glass Engineered Products

1. Contact information:

Chasity Dickinsor Oldcastle Glass Engineered Products

P.O. Box 629

803 Airport Road

Terrell, Texas 75160 O: 800-259-7941

E-mail: cdickinson@OldcastleBE.com

A. (Exterior Storefront System: Stick-fabricated, center set, non-thermal: "FG-3000" by Oldcastle BuildingEnvelope as detailed in Drawings.

1. Mullions: 2-inch sightline by 4-1/2 inches deep.

2. Glazing: Center.

3. Glass: Insulating as specified in Section 08 8000, "Glazing."]

B. [Interior storefront system: "FG3000/FG2500" by Oldcastle BuildingEnvelope as detailed in Drawings.

1. Mullions: 2 inch sightline by 4-1/2 inches deep

2. Glazing: Center

3. Glass: Single, clear, as specified in Section 08 8000, "Glazing."] C. Finish on Exposed Aluminum: Polyester powder coat.

1. Color (Exterior): Super Stardust Silver

2. Color (Interior): White.

## 2.2 DESIGN AND PERFORMANCE REQUIREMENTS

 Comply with recommendations of AAMA SFM-1, "Aluminum Store Front and Entrance Manual," except where more stringent requirements are specified or required by applicable codes.

B. Design component part and assemblies so complete system complie with applicable code requirements for loads, specified standards and contract documents.

C. Provide complete system with joints, gaps and penetrations sealed[ and weather tight.)

D. Strength: Design system to withstand live loadings and wind loadings as required by governing codes and regulations; limit deflection t L/180 under fully loaded condition.

E. [Water Penetration: No uncontrolled water penetration when tested in accordance with ASTM E331, with no water on exposed interior

F. Air Leakage: Maximum 0.06 cfm/ft., ASTM E283, at differential pressure of 1.57 psf, excluding entrance doors

# G. Thermal Movements:

Design for ambient temperature range of 100 degrees F and material temperature range of 160 degrees F without objectionable distortion or stresses in fastenings or joinery.

Provide for noiseless movement of component parts and materials without buckling, opening at joints, glass breakage, or other detrimontal offsets.

# 2.3 MATERIALS AND COMPONENTS

A. Sealant: Dow Coming.

1. Color: White, to match storefront and approved sample.

B. Glass and Glazing Materials: Glass: As specified and shown on the Drawings.

2 Glazing Materials: a. General: Materials shall achieve weather, moisture, and air infiltration requirements and comply with requirements of Section 08 8000, "Glazing."

b. Gaskets: Elastomeric, as recommended or provided by system

# C. Sealants:

1. General:

a. Use materials and application procedures as recommended by manufacturer. Seal joinery, fastener penetrations, and welds as required for watertight installation. Sealant on exposed finished surfaces will not be permitted.

b. Use only non-hardening, non-shrinking, and non-migrating

c. For nonworking metal-to-metal joints within framing members use small-joint sealant conforming to 803.3 as described in AAMA 800.

2. Perimeter Sealants: As specified in Section 07 9200, "Joint

D. Metal Frames: Extruded aluminum as shown on the Drawings, sized and braced as required to support glass. E. Metal Cladding: Formed aluminum, minimum 16 gage (0.040") thick

with edge concealed in finished construction under glazing stop and at silicone butt joints

F. Anchorages and fastenings: manufacturer's standard, concea except as otherwise required; finish heads exposed faste match adjacent metal surfaces.

G. Exposed surfaces shall be free of unsightly The exposed sections shall receive a car

# 2.4 FABRICATION

ant. Remove only as required

PART 3 - EXECUTION 3.1 PREPARATION

A. Separate aluminum and other corrodible metal surfaces from sources

B. All openings shall be prepared plum and square by others and shall be of sufficient size to provide clearance at jambs, head, and sill as shown

#### 3.2 INSTALLATION

A. Installation, glass and glazing shall be performed by experienced technicians according to the manufacturer's recommendatio procedures

B. Install glass as detailed and in accordance with FGMA standards for indicated frame system; class shall not touch metal

1. Apply sealant to uniform and level line, slightly concave, free of air pockets, embedded matter, ridges and sags; tool sealant surface for smooth appearance.

a. Provide sealant at floor, ceiling and intersecting walls at vertical joints; refer to Drawings for additional sealant requirements at butt joints, site.

2. Remove and replace glass which is broken, chipped, cracked abraded, stained or damaged during construction period, including natural causes, accidents and vandalism.

3. Set door plumb level and true to line, without warp or rack. Anchor

C. When general contractor removes storefront barricade, fully clean all glass/rail surfaces inside and out. Install temporary full height pape covering on inside face of glass. (verify with mall management type and color of acceptable paper).

D. Upon completion of construction, the general contractor shall be responsible for cleaning all anodized aluminum with plain water containing mild detergent, or as recommended by manufacturer. no

## END OF SECTION

## SECTION 08 4226 - ALL-GLASS ENTRANCES

5. Glass door fittings and hardware.

2. Door Hardware: Section 08 7100.

3. Glazing: Section 08 8000.

1.2 ADMINISTRATIVE REQUIREMENTS

1.3 ACTION SUBMITTALS

fabrication

B. Product Data:

CLOSEOUT SUB

1.6 QUALITY ASSURANCE

Account fabricator and installer.

conflict the more stringent shall apply:

1.4 INFOR

instructions for eac

B. Related Requirements:

## PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes: All-glass entrance systems and the following as shown in Drawings

1. Metal trim, flashings, and similar items in conjunction with all glass

2. Sealants, joint fillers, and gasketing systems for entrances

1. Aluminum-Framed Storefronts: Section 08 4313.

Anchors, shims, fasteners, inserts, expansion devices, accessories support brackets and attachments for all glass entrances. 4. Glass and glazing for all glass entrance doors.

A. Pre-installation Conference: Conduct conference at Project site prior to the start of the glass entrance and storefront work and review the installation procedures and coordination with other work. Meeting shall

entrance and storefront installer, sealant installer, as well as any other

vork, or products, to be coordinated with the all-glass entrance and

A. Shop Drawings: Showing scaled elevations, plans, and sections of the all glass entrance and storefront work. Full scale sections shall be

prepared and submitted for details of the assemblies that cannot be

shown in the elevations or sections. Indicate with shop drawings in thickness of all metal components, glass thicknesses, metal finishe details of fittings, and all other pertinent information as necessary o requested by the Architect to indicate compliance with the Contract

Documents. Details of field connections, anchorage, and their

coordination of the work by other building trades. Details of a and sealing methods and product joinery shall be shown proper performance of the field installation. No work have been appropulation of the work have been appropulation of the production of the produc

A. Maintenance Inscrictions: Submit copies of manufacturer's written

A. Manufacturer and Installer Qualifications: Owner selected National

American Architectural Manufacturers Association (AAMA):

and at completion of work for Architect's reference

B. Standards: Comply with the applicable provisions and

instructions for adjustment, operation and maintenance of swinging and

stallation instructions: Installation instructions for glass entrance

em components shall be available at jobsite during constructio

ndations of the following standards below, where standards

a. AAMA "Aluminum Curtain Wall Design Guide Manual," Volumes

b. AAMA "Aluminum Store Front and Entrance Design Guide

d. AAMA 2603 "Voluntary Performance Requirements and Test

Procedures for Pigmented Organic Coatings on Extrude

c. AAMA 611 "Anodized Architectural Aluminum."

relationship to the work of others shall be clearly indicated for the

shown in the elevations or sections. Include with shop drawings meta

include Contractor, Architect, Owner's Project Manager, all glass

B. Coordinate fabrication schedule with construction progress to avoid

ofractors or material technical service rec

A. General Warranty: The special warranty specified in this Article shall not deprive the Owner of other rights the Owner may have under other provisions of the Contract Documents and shall be in addition to, and run concurrent with, other warrantles made by the Contractor under requirements of the Contract Documents.

 Special Warranty: Submit a 2 year written warranty, beginning from date of Substantial Completion, and executed by the Contractor, manufacturer and the all glass entrance and storefront installer. agreeing to repair or replace components of entrance and storefront systems that develop defects in materials or workmanship within the specified warranty period. Defects include, structural failures, deterioration of metals, metal finishe beyond normal weathering, failure of operating properly, uncontrolled water leakage, u storefront work to meet performance require

# PART 2 - PRODUCTS

Aluminum."

Manual," Current Edition.

Category II materials.

1.7 DELIVERY, STORAGE, AND HANDLING

C. Storage on Site:

1.8 FIELD CONDITIONS

1.9 WARRANTY

entrance and storefront work from shop to site.

3. Keep handling on site to a minimum

benchmarks as a basis for measurements

e. AAMA 2605 "Specification for Superior Performing Organic

2. American Institute of Steel Construction (AISC), "Steel Construction

Steel Structures Painting Council (SSPC): "Steel Structures Painting Manual, Vol. 2, Systems and Specifications".

Federal Standard 16 CFR 1201, Consumer Product Safety
Commission (CPSC): "Safety Standard for Architectural Glazing
Materials," as published in the Code of Federal Regulations (CFR).

ordinances and regulations of Federal and Municipal authorities

having jurisdiction, wherever requirements conflict the more stringent shall be required. Obtain approvals from all such authorities. As a minimum provide safety glazing complying with ANSI 297.1 and testing requirements of 16 CFR Part 1201 for

Comply with the applicable requirements of the laws, codes,

5. Welding Standards: Welding shall be performed by skilled and

A. General: Comply with the applicable provisions of AAMA MCWM-1, "Metal Curtain Wall Manual," for the care and handling of all glass

Store all glass entrance and storefront components in a location and in a manner to avoid damage to the components.

Stacking shall be done in a way which will prevent bending, excessive pressure, abrasion or other permanent damage of the component and its finished surfaces.

A. Field Measurements: Verify dimensions of supporting structure by field measurements before fabrication so that the entrance and storefront

work will be accurately designed, fabricated and fitted to the structure

B. Established Dimensions: Where field measurements cannot be made

without delaying the Work, establish dimensions and proceed with

Coordinate supporting structure construction to ensure that actual dimensions correspond to established dimensions.

fabricating entrance and storefront work without field measurements

Indicate measurements on shop drawings. Use Contractor's lines and

4. xercise particular care to avoid damage to finishes of metals.

B. Packaging of components shall be so selected to protect the

components from damage during shipping and handling

qualified mechanics. Welding shall be performed in accordance with the applicable provisions of AWS D1.1 "Structural Welding

Code - Steel" and AWS D1.2. "Structural Welding Code-Aluminum.

Coatings on Architectural Extrusions and Panels

2.1 MANUFACTUR A. All comp e assembly shall be fabricated

1 Cc ty Matrix Sheet CO-1

2.2 PERFO

all class entrance work d, fabricated and installed to d and outward wind pressures as quired by codes indicated on Drawings.

mic Loads: As required by codes indicated on Drawings Deflection Limitations: Deflections: Base calculations for the ollowing deflections upon the combination of maximum direct wind oads, building deflections, thermal stresses, and erection

a. The deflection of any framing member in a direction normal to the plane of the wall when subjected to the full code required wind loads specified above shall not exceed 1/175 of its clear span or 3/4 inch (19 mm) whichever is less, except limit deflection of plass to 1 inch (25.4 mm)

b. Glass, sealants and interior finishes shall not be included to contribute to framing member strength, stiffness or lateral

# 4. Dead Loads:

a. Limit deflections of metal members spanning door openings to 1/300. The clearance between the member and an operable door shall be no less than 1/16 inch (1.5 mm).

b. Twisting (rotation) of the horizontals due to the weight of the glass shall not exceed 1 degree, measured between ends and center of each span.

5. Uniform Structural Loads: Satisfactory uniform wind loading tests of each all class entrance and storefront assembly (each swinging and each ail glass entrance and storefront assembly (each swinging at siding door) shall have been conducted in accordance with the requirements of ASTM E330. Each assembly shall have been subjected to inward and outward acting uniform loads equal to 1.5 times the inward and outward acting design wind loads specified above under paragraph 'wind loads'. Satisfactory performance at hese loads shall mean no class or other component breakage, and no component disengagement.

C. Building Frame Movement: Design, fabricate and install all glass entrances and storefronts to withstand building movements including thermal movements, loading deflections, shrinkage, creep and similar movements. Thermal movements shall be as specified above. Buildin frame deflections, shrinkage, creep and other movements are available. from the structural enginee

D. Glass Statistical Factor: Glass thicknesses when shown on the
Drawings, or specified, are for convenience of detailing only and are to

be confirmed by the Contractor and/or glass manufacturer. All class be contirmed by the Contractor and/or glass manufacturer. All glass for the size openings shown will be provided in thicknesses such that the probability of breakage at the design "Wind Load" will not exceed 8 lights per 1000 lights (S.F. 2.5) based on a 68 second uniform wind load duration, and reflectance and shading indicated. The glass manufacturer shall provide, on request, substantiating glass breakage data if such data for exceeding the provided on the state of data if such data is not otherwise available as manufacturer's published

E. Design Modifications:

Submit design modifications necessary to meet the performance requirements and field coordination.

Variations in details or materials shall not adversely affect the appearance, durability or strength of components.

Maintain the general design concept without altering size of members, profiles and alignment.

## 2.3 MATERIALS

A. Glass: ASTM C 1048, Kind FT (fully tempered), Condition A (uncoated surfaces), Type I (transparent), tested for surface and edge compression per ASTM C 1048 and for impact strength per 16 CFR 1201 for Category II materials

1. Product: All class shall be provided by fabricator of all-class

a. Class 1: Clear.

b. Minimum Thicknesses: 1/2 inch thickness at doors up to height of

2. Exposed Edges: Flat edge (cut edge of glass is flat and surface edges are slightly arrised) with polished finis B. Aluminum: AA Alloy 6063 and ASTM B 221 (ASTM B 221M), with tempering as required to suit performance requirements and finishes

specified C. Stainless-Steel:

1. Cladding, Plate, and Flat Bar: ASTM A 666, Type 316

2. Bars and Shapes. ASTM A276, Type 316.

## 2.4 COMPONENTS

A. Glass Entrances:

Provide an extruded aluminum retained, glass and metal fragular system fabricated and finished to suit the conditions indicated an

fasteners, anchors, gaskets, washers, glass and components.

3. All aluminum members shall be

B. Rails: Stainless-steel-clad a 1 Adhesively laminate

2. Sizes:

Rail: 4

ith dry-glazed as fener End Cap Pins and Plugs, Friction

nd Eastener Metal Alloy Tynes, Designations and

 Alloys as selected by fabricator to prevent corrosion with the components fastened. Do not use self-drilling self-tapping type fasteners. D. Spacers, Setting Blocks, Gaskets: Permanent, non-migrating types of

material and in hardness recommended by all glass storefront and entrance manufacturer and complying with the performance

E. Slip and Separator Gaskets:

 Bolted slip-joints: Non-metallic, low friction material bearing temperature and moisture resistances and low abrasion properties as required to suit performance criteria.

2. Non-bolted slip-joints: Non-corrosive, non-toxic impregnated felt, or butyl, tape with a pressure sensitive adhesive on one surface which is formulated for proper adhesion to metals shown; gasket shall bear temperature and moisture resistance properties as required to suit performance criteria; thickness and width as required

F. Adhesives and Epoxies: As required for laminating cladding to base

G. Structural Silicone Sealant: As specified in 07 9200 - Joint Sealants

# 2.5 HARDWARE

A. Refer to the Drawings and Section 08 7100 - Door Hardware

# 2.6 FABRICATION

1. Fabricate the entrances to the designs, shapes, and sizes shown using the materials, and components, specified and shown to produce assemblies which meet or exceed the performance requirements.

2. Glass entrance doors shall be fabricated and factory-assembled by 3. To the greatest extent possible complete fabrication, assembly

To the greatest extent possible complete rabindation, assembly, finishing, hardware applications and other work before shipment to Project site. As far as practicable, all additional fitting and assembly work shall be done in a fabrication shop. B. Provide holes and cutouts in glass to receive hardware, fittings, rails, and accessories before tempering glass. Do not cut, drill, or make other alterations to glass after tempering.

Fully temper glass using horizontal (roller-hearth) process and fabricate so, when installed, roll-wave distortion is parallel with

bottom edge of door or lite. 2. Factory install hardware to greatest extent possible.

C. Metal components of storefronts shall be cut, reinforced, drilled and tapped in strict accordance with the printed door hardware manufacturers templates and instructions.

D. Joints in Metal Work: All exposed metal work shall be carefully fitted and matched to produce continuity of line and design, with all joints, being accurately fitted for hairline contact and rigidly secured. Where additional rigidity or strength is required to satisfy the performance s reinforce entrance components with aluminum or carbon el shapes, bars, and plates

E. Exposed Fasteners: Not permitted.

F. Protection of Metals: 1. Wherever dissimilar metals are in contact, except in the case of

aluminum in contact with galvanized steel, zinc, separate such surfaces with a coating of zinc rich primer, bituminous paint, or senaration gaskets as the condition requires.

2. Wherever aluminum comes in contact with concrete surfaces separate such surfaces with a coating of zinc rich primer, bituminous paint, or separation gaskets as the condition require

# A. General:

1. Comply with NAAMM's "Metal Finishes Manual for Architectural and

2. Protect finish with factory applied adhesive backed paper covering Door and Frame: Power coat, "Crystal White" color. Coordinate with Section 08 4113 - Aluminum-Framed Storefronts for color match.

# PART 3 - EXECUTION

3.1 PREPARATION

A. Coordinate entrance and storefront work with the work of other Sections and provide items to be placed during the installation of other work at the proper time to avoid delays in the work.

B. Place such items, including concealed overhead framing, adaptely i relation to the final location of entrance and storefront components.

## 3.2 EXAMINATION

A. Examine the substrates, adjoining come which the Work is to be inst

B. Do not proceed with the W. corrected. Before beginn all parts of the existing bu

## 3.3 INSTALL

france and storefront systems. Do not install it frame joints to produce hairline joints free of burrs an Rigidly secure non-movement joints. Seal joints

rim component parts of the entrance and storefront work

ing erection only with the approval of the manufacturer or abricator, and in accordance with his recommendations. Restore finish completely to protect material and remove all evidence of cutting and trimming. Remove and replace members where cutting and trimming has impaired strength or appearance, as directed by

Set components within the erection tolerances with uniform joints where shown. Place components on aluminum or stainless steel shims and fasten to supporting substrates using bolts and similar fasteners. 3. Do not erect components which are warped, deformed, box

defaced or otherwise damaged as to impair strength. Remove and replace members damaged in the process of erection. 8. Entrance Doors: Doors shall be securely anchored in place to a straight, plumb and level condition, without distortion. Adjust doors to operate smoothly, without binding, with hardware functioning properly Hardware movement shall be field tested and final adjustment, and ubrication, made for proper operation and performance

1. Set, seal, and grout floor closer cases to suit hardware and C. Maintain uniform clearances between adjacent components. D. Install silicone glazing sealant to comply with requirements of Section

08 8000 - Glazing

3.4 ERECTION TOLERANCES A. The entrance and storefront systems shall be fabricated and erected to accommodate the dimensional tolerances of the structural frame and surrounding cladding, while providing the following as installed

. Variation from theoretical calculated position as located in plan o elevation in relation to established floors lines, column lines and other fixed elements of the structure, including variations from plumb, level, straight and member size: Plus or minus 1/4inch naximum in any 20'-0" run, column-to-column bay, or floor-to-floo

2. Alignment: Where surfaces abut in line, limit offset from true alignment to 1/16 inch (1.5 mm). Where surfaces meet at corners, limit offset from true alignment to 1/16 inch (1.5 mm).

 Variation from angle, or plumb, shown: Plus or minus 1/8 inch maximum in 10'-0" run or story height, non-cumulative. 4. Variation from slope, or level, shown: Plus or minus 1/8 inch

3.5 ANCHORAGE A. Anchorage of the storefront work to the structure and surrounding cladding shall be in accordance with the accepted shop drawings

naximum ins any 20'-0" run or column-to-colum

# 3.6 WELDING

A. Weld with electrodes and by methods recommended by manufacture of material being welded, and in accordance with AWS D1.1 for concealed steel members. Use only methods which will avoid distortion, and discoloration, of exposed faces.

B. Welds and adjacent metal areas shall be thoroughly cleaned and coated with a single coat of bituminous pain

# storefront work shall be removed from the site and disposed of legali-

3.7 REMOVAL OF DEBRIS

A. Clean metal surfaces promptly after installation, exercising care to avoid damage to factory finished exposed surfaces.

A. All debris caused by, or incidental to, the erection of the entrance and

B. Wash glass on both faces not more than 4 days prior to date scheduled or inspections that establish date of Substantial Completion lass as recommended by glass manufacturer. Remove exc glazing and sealant compounds, dirt, and other substances.

C. Immediately remove any deleterious material from surfaces of

#### 3.9 PROTECTION

A. Institute protective measures required throughout the remainder of the construction period to ensure that architectural metal entrance work will be without damage or deterioration, other than normal weathering, at

END OF SECTION

## SECTION 08 71 00 - DOOR HARDWARE

Consultant (AHC) to de

requirements in Contract D

## PART 1 - GENERAL

1.1 SUMMARY

E. Section Includes: Provide hardware 1.Provide cylinders for doors fabr 2.Hardware Schedule: Contr

from Owner and Architec B. Related S

1.2 REFEREN

66.20: Standards for various hardware items on Association: NEPA 80. Fire Doors and

## ISTRATIVE REQUIREMENTS

Hardware Schedule: Contractor to develop Hardware Schedule based on requirements in Contract Documents with Architectural Hardware Consultant (AHC) with not less than five years successful experience in

1. AHC may be independent or may be employed by manufacturer or

2.List door numbers, locations, types of doors and frames, hardware

group numbers, key symbols, and name of each item and its manufacturer, catalog number, material, and finish 3. Submit in sufficient time for Architect's review and for supplier to place order with manufacturers in order to meet Project Schedule.

4.Do not order hardware until Hardware Schedule has been reviewed 5.Review of Hardware Schedule shall not be construed as certifying that the list is complete.

B. Coordination: Coordinate hardware installation with doors including but not necessarily limited to following. Coordinate hardware installation with hollow metal doors and frames installation in Section 08 11 10.

 Coordinate hardware installation with wood doors installation in Section 08 14 00. C. Pre-Installation Meeting: Convene pre-Installation meeting prior to commencing work of this section. Include persons involved with

D. Templates: Furnish templates of physical hardware to door and frame

manufacturers as required to ensure proper preparation for hardware. Where paper templates cannot be used effectively, furnish physical 1.4 SUBMITTALS

installation of doors, frames, and hardware.

A. Product Data: Submit catalog cuts for each type of hardware clearly marked to indicate hardware type to be provided, style, finish, and 1. Supply templates to door and frame manufacturers for sizing and

locations of cut-outs for hardware. B. Shop Drawings: Indicate locations and mounting heights of hardware. Electrical Hardware: Submit wiring diagrams for electrified door hardware. Complete and detail system operation and elevation diagram specially developed for each opening requiring electrified hardware except where only magnetic hold-opens or door position switches are specified. Provide diagrams with hardware schedule submittal for approval. Provide detailed wiring diagrams with

C. Samoles: Indicate required style and finish of exposed door hardware D. Keying Schedule: Coordinate directly with Owner's Representative. E. AHC Certification: Submit by AHC indicating hardware complies with

F. Closeout Submittal: Record actual locations of installed cylinders and master key codes on Record Documents. G. Maintenance Materials: Submit manufacturer's parts list and maintenance instructions for each type of hardware supplied and necessary wrenches and tools required for proper maintenance of

applicable codes and Contract Document

# 1.5 QUALITY ASSURANCE

hardware supply.

1.6 DELIVERY, STORAGE, AND HANDLING

A. Supplier Qualifications: Recognized builder's hardware supplier with minimum five years successful experience in scheduling and furnishing hardware. 1. Provide services of Architectural Hardware Consultant to supervise

 A. Deliver hardware to factory, shop, or mill of subcontractors and manufacturers requiring it or directly to the Project site as required Deliver hardware in manufacturer's original packages, marked for intended opening and use.

C. Pack complete with necessary screws, bolts, keys, instructions, and installation template, if necessary, for spotting mortising tools. Upon delivery, furnish complete list of hardware for checking, clearly marked to correspond with marking on package.

## 1. Review list for completeness and accuracy 1.7 WARRANTY

A. Correction of Work Period: Extend to not less than two years. Repair or replace hardware that fails in materials or workmanship or which does not perform as required.

OLD MAVY

NEW STORE

RCHITECTURE

ANI AND.

NEL I VINEL IE 2151 ANDO, 58 5 SU SU ORI 4 ESIGN TYPE: SENERATION: 17Q12 PROTOTYPE DATE: 07/18/16 OPENING: 2017

PROFESSIONAL STAMP

ONSULTANT INFO

ARCHITECT INFO

B|R|Rarchitecture

ARCHITECT OF RECORD: BKR ARCHITECTURE, INC. II ANTIOCH PLAZA, SUITE 308, MERRIAM, KANSAS 68

ISSUE TYPE:

DEDMIT/BID

REVISIONS:

DRAWN BY: EΕ A/E JOB NUMBER: 65013011

SPECIFICATIONS

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TITLE SHEET

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